

Converting Colors

$Yxy(95.8816, 0.3577, 0.4043)$

Have a look what the booklet for
Yxy(95.8816, 0.3577, 0.4043)
contains.

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Color

Yxy(95.8455, 0.3572, 0.4039)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFB3
RGB	254, 255, 179
RGB Percent	100%, 100%, 70%
CMY	0.0040, 0.0000, 0.2980
CMYK	0.00, 0.00, 0.30, 0.00
HSL	61°, 100%, 85%
HSV	61°, 30%, 100%
XYZ	84.7636, 95.8455, 56.6910
YIQ	246.0370, 23.8000, -23.8480

Conversions

Conversions Part 2

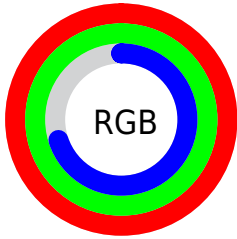
Format	Color
RYB	179, 255, 180
Decimal	16711603
CIELab	98.37, -11.70, 36.29
CIELCh	98, 38.134, 107.871
Yxy	95.8455, 0.3572, 0.4039
Android (android.graphics.Color)	4294901683 (0xFFFEFFB3)
YUV	246.0370, -33.0492, 6.9836
Hunter-Lab	97.9007, -16.7789, 34.1977

Details

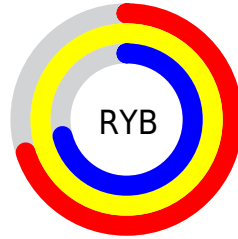
The Yxy color **95.8455, 0.3572, 0.4039** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.1787, 0.2605, 0.2417**, and the grayscale version is **92.4425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **53.6046, 0.3658, 0.4202** is the 20% darker color. If you saturate the color by 10%, you get **94.8376, 0.3716, 0.4282**, and if you desaturate by 10%, it is **97.0354, 0.3422, 0.3786**.

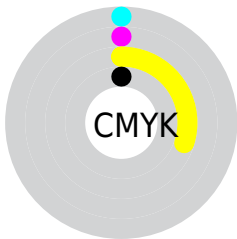
Distribution



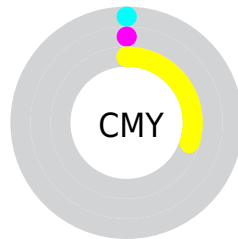
- Red (100%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.8455, 0.3572, 0.4039 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 95.8455, 0.3572, 0.4039 by changing the saturation by 10% instead.

 95.8455, 0.3572,
0.4039

 95.8455, 0.3572,
0.4039

546.8682, 0.3383,
0.3705

 72.8389, 0.3611,
0.4112


 155.4322, 0.3510,
0.3926

 53.8442, 0.3657,
0.4199


192.7810, 0.3485,
0.3881

 38.4771, 0.3711,
0.4307


235.6794, 0.3463,
0.3842

 26.3532, 0.3776,
0.4442

284.5117, 0.3443,
0.3808

 17.0881, 0.3854,
0.4615

339.6624, 0.3426,
0.3778

 10.2973, 0.3946,
0.4841

401.5158, 0.3410,

 5.5965, 0.4045,

0.3751

0.5144

470.4562, 0.3396,
0.3727

■ 2.6013, 0.4261,
0.5739

■ 0.9273, 0.3909,
0.6091

■ 95.8455, 0.3572,
0.4039

■ 95.8455, 0.3572,
0.4039

■ 94.8376, 0.3716,
0.4282

■ 97.0354, 0.3422,
0.3786

■ 94.0146, 0.3847,
0.4506

■ 98.4304, 0.3271,
0.3532

■ 93.3604, 0.3961,
0.4701

100.0000, 0.3127,
0.3290

■ 92.8621, 0.4051,
0.4857

■ 92.5050, 0.4116,
0.4970

■ 92.2716, 0.4154,
0.5039

■ 92.1337, 0.4169,
0.5071

■ 92.1313, 0.4169,
0.5072

Harmonies

Analogous

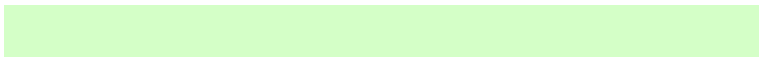
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.8455, 0.3869, 0.3879



95.8455, 0.3572, 0.4039



95.8455, 0.3167, 0.3978

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.8455, 0.3572, 0.4039



95.8455, 0.2356, 0.2909



95.8455, 0.3469, 0.2933

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95.8455, 0.3572, 0.4039



49.1787, 0.2605, 0.2417

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.8455, 0.3042, 0.2707



95.8455, 0.3572, 0.4039



95.8455, 0.2422, 0.2677

Square

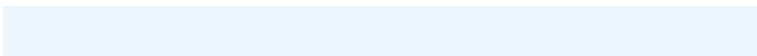
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.8455, 0.3572, 0.4039



95.8455, 0.2477, 0.3279



95.8455, 0.2665, 0.2613



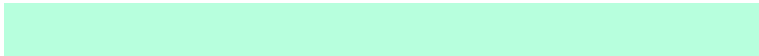
95.8455, 0.3816, 0.3244

Rectangle

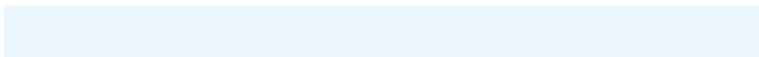
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.8455, 0.3572, 0.4039



95.8455, 0.2893, 0.3805



95.8455, 0.2665, 0.2613



95.8455, 0.3329, 0.2845

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95.8411, 0.3572, 0.4039



98.5502, 0.3259, 0.3512



56.7648, 0.3799, 0.3292



21.0471, 0.3281, 0.3549



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

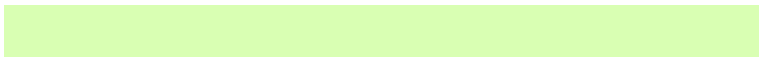
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.8411, 0.3572, 0.4039



95.1966, 0.3662, 0.4192



89.5290, 0.3324, 0.4104



21.0775, 0.3267, 0.3525



48.1463, 0.4170, 0.5071



4.6917, 0.4173, 0.5069

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.1787, 0.2605, 0.2417



41.4251, 0.2476, 0.2202



54.2227, 0.2870, 0.2478



17.3895, 0.2980, 0.3044



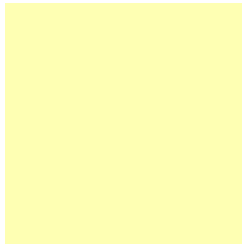
3.7893, 0.1504, 0.0602



0.3729, 0.1514, 0.0607

Previews

White Background



This preview shows how the Yxy color 95.8455, 0.3572, 0.4039 looks on a white background.

Color Contrast Check

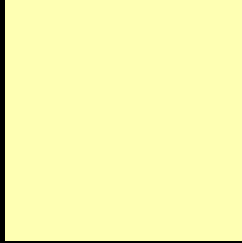
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 95.8455, 0.3572, 0.4039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

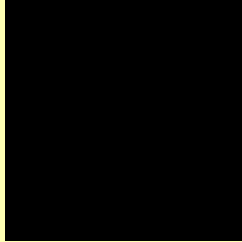
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.8455, 0.3572, 0.4039

Background



This preview shows how black text looks on a background with the Yxy color 95.8455, 0.3572, 0.4039.



This preview shows how white text looks on a background with the Yxy color 95.8455, 0.3572, 0.4039.

Color Blindness Simulation

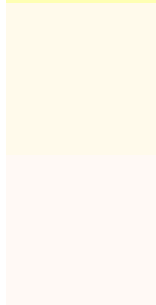
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.8455, 0.3572, 0.4039



Protanopia

95.6294, 0.3249, 0.3436

Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

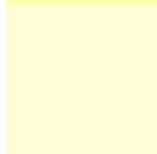
95.6148, 0.3130, 0.3223

Trichromacy



Original Color

95.8455, 0.3572, 0.4039



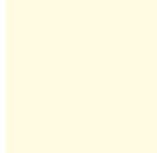
Protanomaly

95.7871, 0.3368, 0.3653



Deuteranomaly

95.4748, 0.3333, 0.3584



Tritanomaly

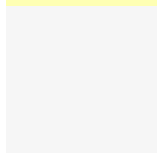
95.8004, 0.3296, 0.3524

Monochromacy



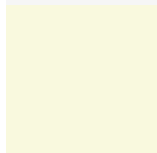
Original Color

95.8455, 0.3572, 0.4039



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.1650, 0.3289, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8455, 0.3572, 0.4039 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 179) }
```

Border

The CSS property to change the border of an element to Yxy 95.8455, 0.3572, 0.4039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 255, 179) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 255, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8455, 0.3572, 0.4039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
255, 179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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